

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. 200314632-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Zhichen Xu et al.

Confirmation No.: TBD

Application No.: TBD

Examiner: TBD

Filing Date: Herewith

Group Art Unit: TBD

Title: DETERMINE LOCATION INFORMATION FOR A NODE IN A NETWORK USING AT LEAST ONE LANDMARK NODE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
 - ☐ Statement under 37 CFR 1.97(e), or
 - ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
 - ☐ Statement under 37 CFR 1.97(e)(1) or (2), and
 - ☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: _____

OR

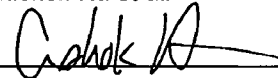
- ☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____ Number of pages: _____

Typed Name: _____

Signature: _____

Respectfully submitted,

Zhichen Xu et al.

By 

Ashok K. Mannava

Attorney/Agent for Applicant(s)
Reg. No. **45,301**

Date: Jan. 30, 2004

Telephone No.: (703) 628-1461

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200314632-1	APPLICATION NO.	CONFIRMATION NO.
APPLICANT Zhichen Xu et al.			
FILING DATE Herewith		GROUP	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/HH/	1Q	CALVERT, K. et al., "Modeling Internet Topology", IEEE Communications Magazine, vol. 35, no.6, pg 160-163, June 1997.
/HH/	1R	CASTRO, M. et al., "Scribe: A Large-Scale and Decentralized Application-Level Multi-Cast Infrastructure", IEEE Journal on Selected Areas in Communications, vol. 20, no. 8, pg 1489-1499, October 2002.
/HH/	1S	CHEN, B. et al., "L+: Scalable Landmark Routing and Address Lookup for Multi-Hop Wireless Networks", MIT LCS, Tech, March 2002.

EXAMINER /Hieu Hoang/ (12/17/2007)

DATE CONSIDERED 12/17/2007

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200314632-1	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT Zhichen Xu et al.		
	FILING DATE Herewith	GROUP	

REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/HH/	1Q	CHU, Y. et al., "A Case For End System Multicast", IEEE Journal on Selected Areas in Communications, vol. 20, no.8, pg 1456-1471, October 2002.
/HH/	1R	DUAN, Z. et al., "Service Overlay Networks: SLAs, QoS and Bandwidth Provisioning", ICNP, November 2002, pg 334-343.
/HH/	1S	FRANCIS, P. et al., "IDMaps: A Global Internet Host Distance Estimation Service", IEEE/ACM Transactions on Networking, vol. 9, no. 5, pg 525-540, October 2001.

EXAMINER /Hieu Hoang/ (12/17/2007)

DATE CONSIDERED 12/17/2007

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	200314632-1		
	APPLICANT		
	Zhichen Xu et al.		
	FILING DATE	GROUP	
	Herewith		

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/HH/	1Q	FU, X. et al., "CANS: Composible, Adaptive Network Services Infrastructure", USITS, San Francisco, CA, March 2001.
/HH/	1R	GUMMADI, K.P. et al., "King: Estimating Latency Between Arbitrary Internet End Hosts", IMW, France, November 2002, pg 5-18.
/HH/	1S	NG, T.S.E. et al., "Predicting Internet Network Distance With Coordinates-Based Approaches", IEEE INFOCOM, NY, June 2002.

EXAMINER /Hieu Hoang/ (12/17/2007)

DATE CONSIDERED 12/17/2007

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200314632-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Zhichen Xu et al.

FILING DATE

Herewith

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/HH/	1Q	PEI, G. et al., "LANMAR: Landmark Routing for Large Scale Wireless Ad Hoc Networks with Group Mobility", MobiHoc, Boston, MA, August 2000, pg 11-18.
/HH/	1R	RATNASAMY, S. et al., "Topologically-Aware Overlay Construction and Server Selection", IEEE INFOCOM, NY, June 2002.
/HH/	1S	THEILMANN, W. et al., "Dynamic Distance Maps of the Internet", IEEE INFOCOM, Tel Aviv, Isreal, March 2000, pg 275-284.

EXAMINER

/Hieu Hoang/ (12/17/2007)

DATE CONSIDERED

12/17/2007

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200314632-1	APPLICATION NO.	CONFIRMATION NO.
APPLICANT Zhichen Xu et al.			
FILING DATE Herewith		GROUP	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/HH/	1Q	TSUCHIYA, P.F., "The Landmark Hierarchy: A New Hierarchy For Routing In Very Large Networks", SIGCOMM, Stanford, CA, August 1988, pg 35-42.
/HH/	1R	XU, D. et al., "Finding Service Paths In A Media Service Proxy Network", MMCN, San Jose, CA, January 2002.
/HH/	1S	ZHAO, B.Y. et al., "Brocade: Landmark Routing on Overlay Networks", IPTPS 2002, Cambridge, MA, March 2002.

EXAMINER /Hieu Hoang/ (12/17/2007)

DATE CONSIDERED 12/17/2007

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200314632-1	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT Zhichen Xu et al.		
	FILING DATE Herewith	GROUP	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

/HH/	1Q	ZHUANG, S.Q. et al., "Bayeux: An Architecture for Scalable and Fault-Tolerant Wide-Area Data Dissemination", NOSSDAV, Port Jefferson, NY, June 2001.
	1R	
	1S	

EXAMINER /Hieu Hoang/ (12/17/2007)	DATE CONSIDERED 12/17/2007
---------------------------------------	-------------------------------